

ABSTRACT

A driver vision enhancing system having a variable field of regard and a method of controlling the field of regard of a driver vision enhancing system. The system includes a housing, a movable sensor assembly located within the housing, a radiation detector connected to one end of the sensor assembly, and an actuator connected to the housing and able to contact the sensor assembly to move the sensor assembly in the housing and thereby move the radiation detector. The method includes moving a radiation detector as part of a driver vision enhancing system in a vertical direction within an image plane of the driver vision enhancing system.